



## 4.0 RESULTS

A total of 75 southern California black walnut trees (*Juglans californica* var. *californica*), six willow trees (*Salix* sp.), and two coast live oak trees (*Quercus agrifolia*) were counted, recorded, and assessed (see Table 1, *Number of Protected Tree Species*, on page 8). All trees within the Site were found to be in fair to good condition physiologically, structurally, and aesthetically (see Appendix A, *Tree Survey Data*). The majority of the trees observed are located near the southeastern border of the Site (Figure 4, *Tree Location Map*, on page 9). A representative photograph of the Site and is included in Figure 5, *Site Photograph*, on page 10.

## 5.0 IMPACTS

The proposed project would impact all protected trees within the Site, which includes 75 southern California black walnut trees, six willow trees, and two coast live oak trees.

## 6.0 CITY TREE REPLACEMENT AND RELOCATION REQUIREMENTS

In accordance with the Ordinance, replacement trees shall be planted at a minimum of 3:1 for residential parcels greater than 20,000 square feet and commercial and industrial properties; however, the Director or Commission has final approval. The following information is necessary to determine the extent of City required mitigation to any impacts of protected tree species on-site:

- The number of protected trees which are proposed to be removed in relation to the number of protected trees currently existing on the subject property (included in this report);
- The anticipated effectiveness of the replacement trees, as determined by arborists' report submitted by the applicant;
- Replacement trees shall be a minimum box size of 24 inches for six or fewer replacement trees. For greater than six replacement trees, the sizes shall be determined by the Director;
- Tree relocation or replacement shall be on-site to the extent feasible;
- Planting replacement trees on public property and/or monetary donation to a Tree Replacement Fund in the amount equal to the value of required replacement trees, and the cost of installation; and
- Finally, the applicant may be required as a condition of permit approval to enter into a tree maintenance agreement prior to removal of any protected tree or commencement

**Table 1****Number of Protected Tree Species**

| <b>Scientific Name</b>                             | <b>Common Name</b>               | <b>Quantity</b> |
|--|----------------------------------|-----------------|
| <i>Juglans californica</i> var. <i>californica</i> | southern California black walnut | 75              |
| <i>Quercus agrifolia</i>                           | Coast live oak                   | 2               |
| <i>Salix</i> sp.                                   | Willow                           | 6               |
|  | <b>TOTAL</b>                     | <b>83</b>       |

*Source: PCR Services Corporation, 2005 and 2007.*

of construction activities that may adversely affect the health and survival of trees to be preserved.

## 7.0 CONCLUSION

The proposed development requires the removal of all 75 southern California black walnut, six willow, and two coast live oak trees on-site. A minimum of 225 southern California black walnut, 18 willow, and six coast live oak replacement trees will be required either on-site or off-site on public property, or their monetary value donated to a Tree Replacement Fund. Due to the large number of required replacement trees, it is recommended that replacement trees be no bigger than 15-gallon size.